A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01D65/06 B01D65/02

C12H1/06

B01D41/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ IPC & 7 & B01D & C12H \\ \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

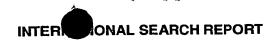
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	WO 97 45523 A (LHS MICRO FILTRATIONS B V; MOL MARTINUS NICOLAAS MARIA (NL); HEINE) 4 December 1997 (1997-12-04)	1,2,12
v	cited in the application the whole document	3-5,10,
Y	the whose document	11
X	DE 195 03 060 A (HENKEL ECOLAB & CO OGH) 8 August 1996 (1996-08-08) the whole document	1
X	US 4 740 308 A (AGAR RICHARD C ET AL) 26 April 1988 (1988-04-26) the whole document	1
Υ	EP 0 733 594 A (TNO) 25 September 1996 (1996-09-25) column 1, line 44 -column 3, line 16	3–5

Further documents are listed in the continuation of box C.	X Palent talling thembers are insect at almost			
° Special categories of cited documents:	'T' later document published after the International filing date or priority date and not in conflict with the application but			
"A" document defining the general state of the art which is not considered to be of particular relevance	cited to understand the principle or theory underlying the invention			
*E* earlier document but published on or after the international filing date	<ul> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the ert.</li> </ul>			
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)				
O document referring to an oral disclosure, use, exhibition or other means				
*P* document published prior to the international fiting date but later than the priority date claimed	*&* document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the international search report			
14 August 2003	27/08/2003			
Name and mailing address of the ISA	Authorized officer			
Europeen Patent Office, P.B. 5818 Patenthaan 2 NL – 2280 HV Rijswijk Tet. (+31–70) 340–2040, Tx. 31 651 epo nl, Fex: (+31–70) 340–3016	Marti, P			

C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 017, no. 055 (C-1023), 3 February 1993 (1993-02-03) -& JP 04 267933 A (FUJI PHOTO FILM CO LTD), 24 September 1992 (1992-09-24) abstract -& DATABASE WPI Derwent Publications Ltd., London, GB; AN 1992-368433 XP002215044 & JP 04 267933 A (FUJI PHOTO FILM CO LTD), 24 September 1992 (1992-09-24) abstract	10,11
A	TRAGARDH G: "MEMBRANE CLEANING" DESALINATION, ELSEVIER SCIENTIFIC PUBLISHING CO, AMSTERDAM, NL, vol. 71, no. 3, 1 March 1989 (1989-03-01), pages 325-335, XP000087751 ISSN: 0011-9164 page 327 page 331	1-12



PCT/NL	<b>T3/00461</b>
--------	-----------------

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9745523	 A	04-12-1997	NL	1003225 C	2	03-12-1997
110 37 10020	- •	<del>-</del>	AT	228560 T	•	15-12-2002
			AU	717265 B		23-03-2000
			AU	·2915597 A	1	05-01-1998
			BG	102972 A		30-09-1999
			BR	9709282 A	1	11-01-2000
			CN	1226922 A	4	25-08-1999
			CZ	9803922 A	43	11 <b>–</b> 08–1999
			DE		)1	09-01-2003
			DE	69717451 T	Γ2	03-07-2003
			DK	912701 1	Г3	24-03-2003
			EP		42	27-11-2002
			EP	0912701 A		06-05-1999
			ES	2188942	Г3	01-07-2003
			HU	9904021 /	42	28-03-2000
			IL	127318 /		20-05-2001
			JP	2000511218	T	29-08-2000
			KR	2000016193		25-03-2000
			WO	9745523		04-12-1997
			NO	985602	Α	18-01-1999
			NZ	333071		29-07-1999
			PT	912701	T	28-02-2003
			RÜ	2197516	C2	27-01-2003
			SK	165798		13-03-2000
			TR	9802544		22-03-1999
			ÜS	6274186		14-08-2001
DE 19503060	Α	08-08-1996	DE	19503060		08-08-1996
			ΑT		T	15-04-1999
			DE	59601608	D1	12-05-1999
			DK	808212		18-10-1999
		•	WO	9623579		08-08-1996
			EP	0808212	A1	26-11-1997 
US 4740308	Α	26-04-1988	NONE	·		
EP 0733594		25-09-1996	NL	9500551		01-11-1996
			EP	0733594		25-09-1996
			US	5667690	A 	16-09-1997
JP 04267933	A	24-09-1992	NONE			